

GROUND-WATER LEVELS

COLUMBUS COUNTY

342011078422903. County number, CO-086; Whiteville well 3.

LOCATION.--Lat 34°20'11.9", long 78°42'29.1", North American Datum of 1983, Hydrologic Unit 03040206, south of Park Avenue on Powell Boulevard in Whiteville. Owner: City of Whiteville.

AQUIFER.--Peedee and Black Creek aquifers of Late Cretaceous age.

WELL CHARACTERISTICS.--Drilled supply well, depth 331 ft, diameter 10 in. to 255 ft, diameter 8 in. from 255 to 331 ft, screened intervals from 138 to 143 ft, 150 to 155 ft, 174 to 179 ft, 214 to 224 ft, and 249 to 255 ft.

INSTRUMENTATION.--Measured periodically with steel tape.

DATUM.--Land-surface datum is 78 ft above sea level (from topographic map). Measuring point: Top of 1-inch nipple in pump base, 2.75 ft above land-surface datum.

REMARKS.--Well is part of southern Coastal Plain ground-water level monitoring study.

PERIOD OF RECORD.--December 2000 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level measured, 28.8 ft below land-surface datum, March 29, 2001; lowest measured, 33.04 ft below land-surface datum, July 11, 2001.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM, WATER YEAR OCTOBER 2000 TO SEPTEMBER 2001

| DATE | WATER LEVEL |
|--------|-------------|--------|-------------|--------|-------------|--------|-------------|
| DEC 07 | 30.69 | MAR 29 | 28.8 | JUL 11 | 33.04 | SEP 18 | 30.73 |

